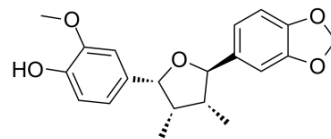


## Chicanine

Cat. No.:	HY-N2270
CAS No.:	78919-28-5
Molecular Formula:	C <sub>20</sub> H <sub>22</sub> O <sub>5</sub>
Molecular Weight:	342.39
Target:	p38 MAPK; ERK; IKK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt; NF-κB
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Chicanine is a lignan compound of *Schisandra chinensis*, inhibits LPS-induced phosphorylation of p38 MAPK, ERK 1/2 and IκB-α, with anti-inflammatory activity<sup>[1]</sup>.

### REFERENCES

[1]. Chicanine, et al. Anti-inflammatory effects of chicanine on murine macrophage by down-regulating LPS-induced inflammatory cytokines in IκBα/MAPK/ERK signaling pathways. *Eur J Pharmacol.* 2014 Feb 5;724:168-74.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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